

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Robert J. HIGGINS, et al.

SERIAL NO: 09/911,496

GAU: 2814

FILED: July 25, 2001

EXAMINER: WILLE

FOR: MONOLITHIC SEMICONDUCTOR-PIEZOELECTRIC DEVICE STRUCTURES AND ELECTRO-ACOUSTIC CHARGE TRANSPORT DEVICES



INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references were submitted in application Serial No. 09/908,888 according to the attached copy of a Granted Petition. This application contains related subject matter.
- ☒ A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

211897US99

SERIAL NO.

09/911,496

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

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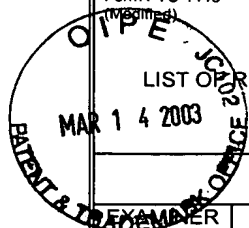
July 25, 2001

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2814

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	3,802,967	04/09/74	Ladany et al.			
	AB	4,174,422	11/13/79	Matthews et al.			
	AC	4,404,265	09/13/83	Manasevit			
	AD	4,482,906	11/13/84	Hovel et al.			
	AE	4,523,211	06/11/85	Morimoto et al.			
	AF	4,661,176	04/28/87	Manasevit			
	AG	4,793,872	12/27/88	Meunier et al.			
	AH	4,846,926	07/11/89	Kay et al.			
	AJ	4,855,249	08/08/89	Akasaki et al.			
	AI	4,891,091	01/02/90	Shastri			
	AK	4,912,087	03/27/90	Aslam et al.			
	AL	4,928,154	05/22/90	Umeno et al.			
	AM	4,963,949	10/16/90	Wanlass et al.			
	AN	5,141,894	08/25/92	Bisaro et al.			
	AO	5,159,413	10/27/92	Calviello et al.			
	AP	5,173,474	12/22/92	Connell et al.			
	AQ	5,221,367	06/22/93	Chisholm et al.			
	AR	5,225,031	07/06/93	McKee et al.			
	AS	5,358,925	10/25/94	Neville Connell et al.			
	AT	5,393,352	02/28/95	Summerfelt			
	AU	5,418,216	05/23/95	Fork			
	AV	5,450,812	09/19/95	McKee et al.			
	AW	5,478,653	12/26/95	Guenzer			
	AX	5,482,003	01/09/96	McKee et al.			
	AY	5,514,484	05/07/96	Nashimoto			
	AZ	5,556,463	09/17/96	Guenzer			
	BA	5,588,995	12/31/96	Sheldon			
	BB	5,670,798	09/23/97	Schetzina			
	BC	5,733,641	03/31/98	Fork et al.			
	BD	5,735,949	04/07/98	Mantl et al.			
	BE	5,741,724	04/21/98	Ramdani et al.			
	BF	5,810,923	09/22/98	Yano et al.			
	BG	5,830,270	11/03/98	McKee et al.			
	BH	5,912,068	06/15/99	Jia			
	BI	6,020,222	02/01/00	Wollesen			
	BJ	6,045,626	04/04/00	Yano et al.			
	BK	6,064,078	05/16/00	Northrup et al.			
	BL	6,064,092	05/16/00	Park			
	BM	6,096,584	08/01/00	Ellis-Monaghan et al.			
	BN	6,103,008	08/15/00	McKee et al.			
	BO	6,136,666	10/24/00	So			
	BP	6,174,755	01/16/01	Manning			
	BQ	6,180,486	01/30/01	Leobandung et al.			



Form PTO 1449
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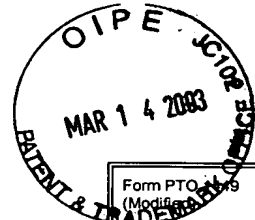
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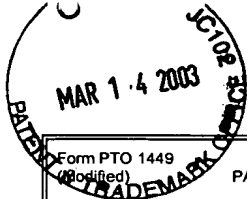
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U.S. PATENT DOCUMENTS

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	CA	3,766,370	10/16/73	Walther			
	CB	4,006,989	02/08/77	Andringa			
	CC	4,284,329	08/18/81	Smith et al.			
	CD	4,777,613	10/11/98	Shahan et al.			
	CE	4,802,182	01/31/89	Thornton et al.			
	CF	4,882,300	11/21/89	Inoue et al.			
	CG	4,896,194	01/23/90	Suzuki			
	CH	4,999,842	03/12/91	Huang et al.			
	CI	5,081,062	01/14/92	Vasudev et al.			
	CJ	5,155,658	10/13/92	Inam et al.			
	CK	5,248,564	09/28/93	Ramesh			
	CL	5,260,394	11/09/93	Tazaki et al.			
	CM	5,270,298	12/14/93	Ramesh			
	CN	5,286,985	02/15/94	Taddiken			
	CO	5,310,707	05/10/94	Oishi et al.			
	CP	5,326,721	07/05/94	Summerfelt			
	CQ	5,404,581	04/04/95	Honjo			
	CR	5,418,389	05/23/95	Watanabe			
	CS	5,436,759	07/25/95	Dijai et al.			
	CT	5,576,879	11/19/96	Nashimoto			
	CU	5,606,184	02/25/97	Abrokwah, et al.			
	CV	5,640,267	06/17/97	May et al.			
	CW	5,674,366	10/07/97	Hayashi et al.			
	CX	5,729,641	03/17/98	Chandonnet et al.			
	CY	5,790,583	08/04/98	Ho			
	CZ	5,825,799	10/20/98	Ho et al.			
	DA	5,857,049	01/05/99	Beranek et al.			
	DB	5,874,860	02/23/99	Brunel et al.			
	DC	5,926,496	07/20/99	Ho et al.			
	DD	5,937,285	08/10/99	Abrokwah, et al.			
	DE	5,981,400	11/09/99	Lo			
	DF	5,990,495	11/23/99	Ohba			
	DG	6,002,375	12/14/99	Corman et al.			
	DH	6,008,762	12/28/99	Nghiem			
	DI	6,055,179	04/25/00	Koganei et al.			
	DJ	6,107,653	08/22/00	Fitzgerald			
	DK	6,113,690	09/05/00	Yu et al.			
	DL	6,114,996	09/05/00	Nghiem			
	DM	6,121,642	09/19/00	Newns			
	DN	6,128,178	10/03/00	Newns			
	DO	6,143,072	11/07/00	McKee et al.			
	DP	6,184,144	02/06/01	Lo			
	DQ	6,222,654	04/24/01	Frigo			



Form PTO-149 (Modified 01-99)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 211897US99		SERIAL NO. 09/911,496	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Robert J. HIGGINS, et al.		FILING DATE July 25, 2001	
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	EA	4,484,332	11/20/84	Hawrylo			
	EB	4,815,084	03/21/89	Scifres et al.			
	EC	4,876,219	10/24/89	Eshita et al.			
	ED	4,963,508	10/16/90	Umeno et al.			
	EE	5,060,031	10/22/91	Abrokwah, et al.			
	EF	5,063,166	11/05/91	Mooney et al.			
	EG	5,116,461	05/26/92	Lebby et al.			
	EH	5,127,067	06/30/92	Delcoco et al.			
	EI	5,144,409	09/01/92	Ma			
	EJ	5,293,050	03/08/94	Chapple-Sokol et al			
	EK	5,356,831	10/18/94	Calviello et al.			
	EL	5,391,515	02/21/95	Kao et al.			
	EM	5,442,191	08/15/95	Ma			
	EN	5,444,016	08/22/95	Abrokwah, et al.			
	EO	5,480,829	01/02/96	Abrokwah, et al.			
	EP	5,528,414	06/18/96	Oakley			
	EQ	5,614,739	03/25/97	Abrokwah et al.			
	ER	5,729,394	03/17/98	Sevier et al.			
	ES	5,731,220	03/24/98	Tsu et al.			
	ET	5,764,676	06/09/98	Paoli et al.			
	EU	5,777,762	07/07/98	Yamamoto			
	EV	5,778,018	07/07/98	Yoshikawa et al.			
	EW	5,778,116	07/07/98	Tomich			
	EX	5,801,105	09/01/98	Yano et al.			
	EY	5,828,080	10/27/98	Yano et al.			
	EZ	5,858,814	01/12/99	Goossen et al.			
	FA	5,861,966	01/19/99	Ortel			
	FB	5,883,996	03/16/99	Knapp et al.			
	FC	5,995,359	11/30/99	Klee et al.			
	FD	6,058,131	05/02/00	Pan			
	FE	6,137,603	10/24/00	Henmi			
	FF	6,146,906	11/14/00	Inoue et al.			
	FG	6,173,474	01/16/01	Conrad			
	FH	6,180,252	01/30/01	Farrell et al.			
	FI	4,242,595	12/30/0	Lehovec			
	FJ	4,398,342	08/16/83	Pitt et al.			
	FK	4,424,589	01/03/84	Thomas et al.			
	FL	4,876,208	10/24/89	Gustafson et al.			
	FM	4,482,422	11/84	McGinn et al.			
	FN	4,667,088	05/19/87	Kramer			
	FO	4,772,929	09/20/88	Manchester et al.			
	FP	4,841,775	06/27/89	Ikeda et al.			
	FQ	4,845,044	07/04/89	Ariyoshi et al.			

Form PTO 1449
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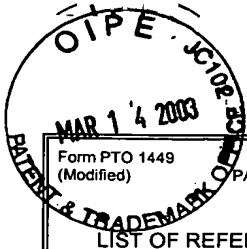
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U.S. PATENT DOCUMENTS

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	GA	4,868,376	09/19/89	Lessin et al.			
	GB	4,885,376	12/05/89	Verkade			
	GC	4,888,202	12/89	Murakami et al.			
	GD	4,891,091	12/90	Wanlass et al.			
	GE	5,051,790	09/24/91	Hammer			
	GF	5,055,445	10/08/91	Belt et al.			
	GG	5,081,519	11/14/92	Nishimura et al.			
	GH	5,143,854	09/01/92	Pirung et al.			
	GI	5,185,589	02/09/93	Krishnaswamy et al.			
	GJ	5,191,625	03/02/93	Gustavsson			
	GK	5,194,397	03/16/93	Cook et al.			
	GL	5,208,182	05/04/93	Narayan et al.			
	GM	5,216,729	06/01/93	Berger et al.			
	GN	5,314,547	05/24/94	Heremans et al.			
	GO	5,352,926	10/04/94	Andrews			
	GP	5,356,509	10/18/94	Terranova et al.			
	GQ	5,371,734	12/06/94	Fischer			
	GR	5,372,992	12/94	Itozaki et al.			
	GS	5,405,802	04/11/95	Yamagata et al.			
	GT	5,442,561	08/15/95	Yoshizawa et al.			
	GU	5,453,727	09/26/95	Shibasaki et al.			
	GV	5,466,631	11/14/95	Ichikawa et al.			
	GW	5,473,047	12/05/95	Shi			
	GX	5,473,171	12/95	Summerfelt			
	GY	5,479,033	12/26/95	Baca et al.			
	GZ	5,486,406	01/23/96	Shi			
	HA	5,491,461	02/13/96	Partin et al.			
	HB	5,492,859	02/20/96	Sakaguchi et al.			
	HC	5,494,711	02/27/96	Takeda et al.			
	HD	5,504,035	04/02/96	Rostoker et al.			
	HE	5,504,183	04/02/96	Shi			
	HF	5,511,238	04/23/96	Bayraktaroglu			
	HG	5,512,773	04/96	Wolf et al.			
	HH	5,515,047	05/07/96	Yamakido et al.			
	HI	5,515,810	05/14/96	Yamashita et al.			
	HJ	5,519,235	05/96	Ramesh			
	HK	5,549,977	08/96	Jin et al.			
	HL	5,551,238	09/03/96	Prueitt			
	HM	5,552,547	09/03/96	Shi			
	HN	5,589,284	12/31/96	Summerfelt et al.			
	HO	5,602,418	02/11/97	Imai et al.			
	HP	5,633,724	05/27/97	King et al.			



Form PTO 1449
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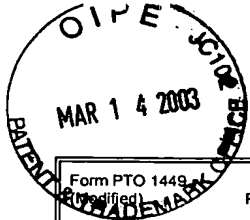
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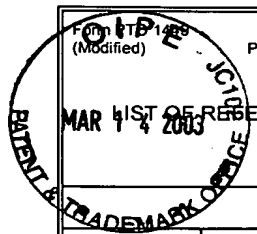
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	IA	5,650,646	07/22/97	Summerfelt			
	IB	5,656,382	08/12/97	Nashimoto			
	IC	5,659,180	08/19/97	Shen et al.			
	ID	5,661,112	08/26/97	Hatta et al.			
	IE	5,679,965	11/95	Schetzina			
	IF	5,725,641	03/10/98	MacLeod			
	IG	5,745,631	04/28/98	Reinker			
	IH	5,776,621	07/07/98	Nashimoto			
	II	5,777,350	07/07/98	Nakamura et al.			
	IJ	5,789,845	08/04/98	Wadaka et al.			
	IK	5,792,569	08/11/98	Sun et al.			
	IL	5,792,679	08/11/98	Nakato			
	IM	5,796,648	08/18/98	Kawakubo et al.			
	IN	5,801,072	09/01/98	Barber			
	IO	5,812,272	09/22/98	King et al.			
	IP	5,814,583	09/98	Itozaki et al.			
	IQ	5,825,055	10/20/98	Summerfelt			
	IR	5,827,755	10/27/98	Yonchara et al.			
	IS	5,833,603	11/10/98	Kovacs et al.			
	IT	5,838,035	11/17/98	Ramesh			
	IU	5,844,260	12/01/98	Ohori			
	IV	5,846,846	12/08/98	Suh et al.			
	IW	5,863,326	01/26/99	Nause et al.			
	IX	5,872,493	02/16/99	Ella			
	IY	5,879,956	03/99	Seon et al.			
	IZ	5,880,452	03/09/99	Plesko			
	JA	5,883,564	03/16/99	Partin			
	JB	5,907,792	05/25/99	Droopad et al.			
	JC	5,937,274	08/10/99	Kondow et al.			
	JD	5,948,161	09/07/99	Kizuki			
	JE	5,959,879	09/28/99	Koo			
	JF	5,966,323	10/99	Chen et al.			
	JG	5,987,011	11/16/99	Toh			
	JH	6,022,140	02/08/00	Fraden et al.			
	JI	6,022,410	02/08/00	Yu et al.			
	JJ	6,023,082	02/08/00	McKee et al.			
	JK	6,028,853	02/22/00	Haartsen			
	JL	6,049,702	04/11/00	Tham et al.			
	JM	6,078,717	06/20/00	Nashimoto et al			
	JN	6,088,216	07/00	Laibowitz et al.			
	JO	6,090,659	07/00	Laibowitz et al.			
	JP	6,107,721	08/22/00	Lakin			
	JQ	6,153,010	11/28/00	Kiyoku et al			



Form PTO 1449 (Rev. 11-2002)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 211897US99		SERIAL NO. 09/911,496	
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	KA	6,153,454	11/28/00	Krivokapic			
	KB	6,191,011	02/01	Gilboa et al			
	KC	6,204,737	03/20/01	Ella			
	KD	6,224,669	05/01/01	Yi et al.			
	KE	6,225,051	05/01/01	Sugiyama et al.			
	KF	6,241,821	06/05/01	Yu et al.			
	KG	6,265,749	07/24/01	Gardner et al.			
	KH	6,313,486	11/01	Kencke et al.			
	KI	6,316,832	11/13/01	Tsuzuki et al.			
	KJ	2002/0008234	01/02	Emrick			
	KK	3,670,213	06/13/72	Nakawaga et al.			
	KL	4,756,007	07/05/88	Qureshi et al.			
	KM	4,773,063	09/20/88	Hunsperger et al.			
	KN	5,394,489	02/28/95	Koch			
	KO	5,406,202	04/11/95	Mehrgardt et al.			
	KP	5,528,067	06/18/96	Farb et al.			
	KQ	5,572,052	11/05/96	Kashihara et al.			
	KR	5,767,543	06/16/98	Ooms et al.			
	KS	6,175,497	01/16/01	Tseng et al.			
	KT	6,197,503	03/06/01	Vo-Dinh et al.			
	KU	6,248,459	06/19/01	Wang et al.			
	KV	6,252,261	06/26/01	Usui et al.			
	KW	6,255,198	07/03/01	Linthicum et al.			
	KX	6,268,269	07/31/01	Lee et al.			
	KY	6,291,319	09/18/01	Yu et al.			
	KZ	6,316,785	11/13/01	Nunoue et al.			
	LA	6,343,171	01/29/02	Yoshimura et al.			
	LB	4,965,649	10/23/90	Zanio et al.			
	LC	6,253,649	05/01	Kawahara et al.			
	LD	6,211,096	04/01	Allman et al.			
	LE	6,239,449	05/29/01	Fafard et al.			
	LF	2001/0013313	08/16/01	Droopad et al.			
	LG	6,184,044	02/06/01	Sone et al.			
	LH	6,011,646	01/04/00	Mirkarimi et al.			
	LI	5,227,196	07/13/93	Itoh			
	LJ	6,150,239	11/21/00	Goesele et al.			
	LK	5,441,577	08/15/95	Sasaki et al.			
	LL	4,459,325	07/10/84	Nozawa et al.			
	LM	4,392,297	07/12/83	Little			
	LN	4,289,920	09/15/81	Hovel			
	LO	5,281,834	01/25/94	Cambou et al.			
	LP	4,901,133	02/13/90	Curran et al.			
	LQ	5,514,904	05/07/96	Onga et al.			

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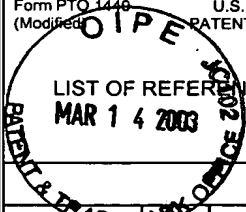
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	MA	5,553,089	09/03/96	Seki et al.			
	MB	5,528,057	06/18/96	Yanagase et al.			
	MC	6,229,159	05/08/01	Suzuki			
	MD	4,748,485	05/31/88	Vasudev			
	ME	4,984,043	01/08/91	Vinal			
	MF	5,754,319	05/19/98	Van De Voorde et al.			
	MG	6,108,125	08/22/00	Yano			
	MH	5,073,981	12/17/91	Giles et al.			
	MI	5,140,651	08/18/92	Soref et al.			
	MJ	5,610,744	03/11/97	Ho et al.			
	MK	6,362,017	03/26/02	Manabe et al.			
	ML	6,242,686	06/05/01	Kishimoto et al.			
	MM	5,689,123	11/18/97	Major et al.			
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	MO	5,067,809	11/26/91	Tsubota			
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	MQ	6,175,555	01/16/01	Hoole			
	MR	5,357,122	10/18/94	Okubora et al.			
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	MU	6,372,813	04/16/02	Johnson et al.			
	MV	5,608,046	03/04/97	Cook et al.			
	MW	5,955,591	09/21/99	Imbach et al.			
	MX	6,022,963	02/08/00	McGall et al.			
	MY	6,083,697	07/04/00	Beecher et al.			
	MZ	5,063,081	11/05/91	Cozzette et al.			
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	NB	5,306,649	04/26/94	Hebert			
	NC	5,962,069	10/05/99	Schindler et al.			
	ND	5,541,422	07/30/96	Wolf et al.			
	NE	5,873,977	02/23/99	Desu et al.			
	NF	5,538,941	07/23/96	Findikoglu et al.			
	NG	6,046,464	04/04/00	Schetzina			
	NH	6,235,145	05/22/01	Li et al.			
	NI	5,610,744	03/11/97	Ho et al.			
	NJ	5,280,013	01/18/94	Newman et al.			
	NK	6,348,373 B1	02/19/02	Ma et al.			
	NL	6,339,664 B1	01/15/02	Farjady et al.			
	NM	4,439,014	03/27/84	Stacy et al.			
	NN	4,889,402	12/26/89	Reinhart			
	NO	5,963,291	10/05/99	Wu et al.			
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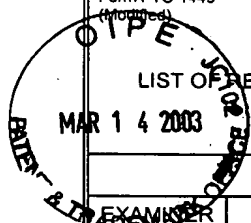
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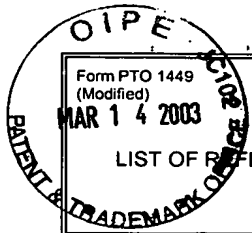
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	OA	5,807,440	09/15/98	Kubota et al.			
	OB	4,681,982	07/21/87	Yoshida			
	OC	4,629,821	12/16/86	Bronstein-Bonte et al.			
	OD	4,452,720	06/05/84	Harada et al.			
	OE	3,935,031	01/27/76	Adler			
	OF	5,760,426	06/02/98	Marx et al.			
	OG	5,053,835	10/01/91	Horikawa et al.			
	OH	6,326,645 B1	12/04/01	Kadota			
	OI	5,770,887	06/23/98	Tadatomo et al.			
	OJ	6,372,356 B1	04/16/02	Thornton et al.			
	OK	4,774,205	09/27/88	Choi et al.			
	OL	6,359,330 B1	03/19/02	Goudard			
	OM	5,312,765	05/17/94	Kanber			
	ON	5,734,672	03/31/98	McMinn et al.			
	OO	6,367,699 B2	04/09/02	Ackley			
	OP	5,530,235	06/25/96	Stefik et al.			
	OQ	5,623,552	04/22/97	Lane			
	OR	5,481,102	01/02/96	Hazlerigg, Jr.			
	OS	6,134,114	10/17/00	Ungermann et al.			
	OT	5,984,190	11/16/99	Nevill			
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	OW	6,208,453	03/27/01	Wessels et al.			
	OX	5,886,867	03/23/99	Chivukula et al.			
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	PB	6,391,674 B2	05/21/02	Ziegler			
	PC	6,275,122 B1	08/14/01	Speidell et al.			
	PD	6,238,946 B1	05/29/01	Ziegler			
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	PL	2002/0072245	06/13/02	Ooms et al.			
	PM	6,278,138 B1	08/21/01	Suzuki			
	PN	5,888,296	03/30/99	Ooms et al.			
	PO	5,198,269	03/30/93	Swartz et al.			
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	PQ	2002/0047143	04/25/02	Ramdani et al.			

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	QB	5,569,953	10/29/96	Kikkawa et al.			
	QC	5,834,362	11/10/98	Miyagaki et al.			
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	QF	6,277,436 B1	08/21/01	Stauf et al.			
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	QH	5,619,051	04/08/97	Endo			
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	QK	5,103,494	04/07/92	Mozer			
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	QP	5,484,664	01/16/96	Kitahara et al.			
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	QR	6,438,281 B1	08/20/02	Tsukamoto et al.			
	QS	5,399,898	03/21/95	Rostoker			
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	QU	5,334,556	08/02/94	Guldi			
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	QW	4,952,420	08/28/90	Walters			
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	QY	6,306,668 B1	10/23/01	McKee et al.			
	QZ	6,143,366	11/07/00	Lu			
	RA	6,410,941	06/25/02	Taylor et al.			
	RB	5,397,428	03/14/95	Stoner et al.			
	RC	6,432,546 B1	08/13/02	Ramesh et al.			
	RD	6,345,424	02/12/02	Hasegawa et al.			
	RE	6,338,756 B2	01/15/02	Dietze			
	RF	5,516,725	05/14/96	Chang et al.			
	RG	4,667,212	05/19/87	Nakamura			
	RH	5,629,534	05/13/97	Inuzuka et al.			
	RI	3,914,137	10/21/75	Huffman et al.			
	RJ	5,753,928	05/19/98	Krause			
	RK	5,977,567	11/02/99	Verdiell			
	RL	5,130,762	07/14/92	Kulick			
	RM	5,621,227	04/15/97	Joshi			
	RN	6,389,209 B1	05/14/02	Suhir			
	RO	5,163,118	11/10/92	Lorenzo et al.			
	RP	5,926,493	07/20/99	O'Brien et al.			
	RQ	5,323,023	06/21/94	Fork			

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	SB	5,395,663	03/07/95	Tabata et al.			
	SC	4,146,297	03/27/79	Alferness et al.			
	SD	5,452,118	09/19/95	Maruska			
	SE	5,889,296	03/30/99	Imamura et al.			
	SF	6,300,615 B1	10/09/01	Shinohara et al.			
	SG	6,232,910 B1	05/15/01	Bell et al.			
	SH	5,686,741	11/11/97	Ohori et al.			
	SI	4,959,702	09/25/90	Moyer et al			
	SJ	6,100,578	08/08/00	Suzuki			
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	SO	5,981,976	11/09/99	Murasato			
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	SQ	2002/0006245 A1	01/17/02	Kubota et al.			
	SR	2002/0131675 A1	09/19/02	Litvin			
	SS	6,256,426 B1	07/03/01	Duchet			
	ST	6,278,523 B1	08/21/01	Gorecki			
	SU	6,319,730 B1	11/20/01	Ramdani et al.			
	SV	6,404,027	06/11/02	Hong et al.			
	SW	6,312,819 B1	11/06/01	Jia et al.			
	SX	5,119,448	06/02/92	Schaefer et al.			
	SY	4,120,588	10/17/78	Chaum			
	SZ	5,194,917	03/16/93	Regener			
	TA	5,018,816	05/28/91	Murray et al.			
	TB	5,953,468	09/14/99	Finnila et al.			
	TC	5,561,305	10/01/96	Smith			
	TD	5,896,476	04/20/99	Wisseman et al.			
	TE	4,934,777	06/19/90	Jou et al.			
	TF	6,320,238 B1	11/20/01	Kizilyalli et al.			
	TG	6,393,167 B1	05/21/02	Davis et al.			
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	TI	6,411,756 B2	06/25/02	Sadot et al.			
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Form PTO 1449
(Modified)

MAR 14 2003

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PATENT AND TRADEMARK OFFICE

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SERIAL NO.

09/911,496

APPLICANT

Robert J. HIGGINS, et al.

FILING DATE

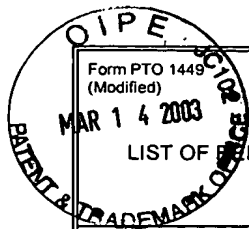
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	UC	6,297,842 B1	10/02/01	Koizumi et al.			
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	UE	5,181,085	01/19/93	Moon et al.			
	UF	6,051,858	04/18/00	Uchida et al.			
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	UI	2002/0047123 A1	04/25/02	Ramdani et al.			
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	UK	5,075,743	12/24/91	Behfar-Rad			
	UL	5,438,584	08/01/95	Paoli et al.			
	UM	4,503,540	03/05/85	Nakashima et al.			
	UN	5,373,166	12/13/94	Buchan et al.			
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	UQ	4,981,714	01/01/91	Ohno et al.			
	UR	6,194,753 B1	02/27/01	Seon et al.			
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Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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SERIAL NO.

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APPLICANT

Robert J. HIGGINS, et al.

FILING DATE

July 25, 2001

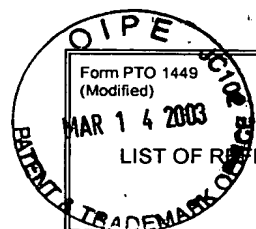
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Form PTO 1449
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PATENT AND TRADEMARK OFFICE

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211897US99

SERIAL NO.

09/911,496

APPLICANT

Robert J. HIGGINS, et al.

FILING DATE

July 25, 2001

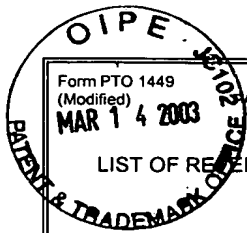
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Form PTO 1449
(Modified)
MAR 14 2003

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

211897US99

SERIAL NO.

09/911,496

APPLICANT

Robert J. HIGGINS, et al.

FILING DATE

July 25, 2001

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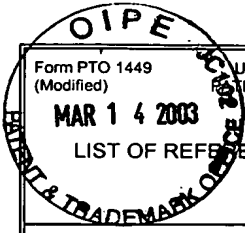
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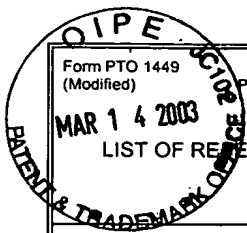
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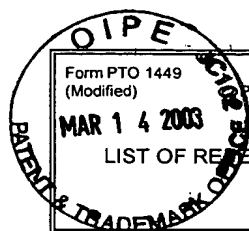
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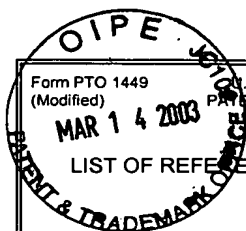
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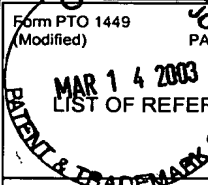
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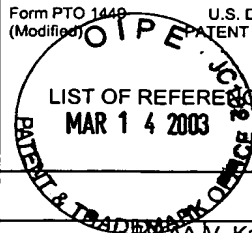


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